IAP6 Rec'd PCT/PTO 29 MAY 2007

PTO-1390 (Rev.02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER	ATTORNEY'S DOCKET NUMBER						
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)					
CONCERNING A SUBMISSION UNDER 35 U.S.C. 3/1		10/593,655					
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
PCT/US05/09726	March 23, 2005	March 23, 2004					
TITLE OF INVENTION Characterization of Micro- and Nano So	ale Materials by Acoustic Wave Generati	on with a CW Modulated Laser					
APPLICANT(S) FOR DO/EO/US	alo matorialo sy 7 todadilo vvavo domovati.						
Todd W. Murray							
Applicant herewith submits to the United States D	esignated/Elected Office (DO/EO/US) the following	items and other information:					
1.	ncerning a submission under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT s	submission of items concerning a submission under	35 U.S.C. 371.					
3. This express request to begin national (5), (6), (9) and (21) indicated below.	3. This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items						
4.							
5. A copy of the International Application a	as filed (35 U.S.C. 371(c)(2))						
a. is attached hereto (required o	only if not communicated by the International Burea	u).					
b. has been communicated by t	he International Bureau.						
c. is not required, as the applica	ation was filed in the United States Receiving Office	(RO/US).					
6.	International Application as filed (35 U.S.C. 371(c)(2	2)).					
a. is attached hereto.							
b. had been previously submitted under 35 U.S.C. 154(d)(4).							
Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached herewith (required only if not communicated by the International Bureau).						
b. have been communicated by	the International Bureau.						
c. have not been made; however, the time limit for making such amendments has NOT expired.							
d. have not been made and will	not be made.						
8. An English language translation of the	amendments to the claims under PCT Article 19 (35	5 U.S.C. 371(c)(3)).					
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (signed).						
	annexes to the International Preliminary Examination	on Report under PCT					
Itama 44 to 20 balaw sansara dasumanti	e) or information included:						
11. An Information Disclosure Statement u	nder 37 CFR 1.97 and 1.98 and Form 1449						
	. A separate cover sheet in compliance with 37 CF	R 3 28 and 3 31 is included					
	. A separate cover sheet in compliance with 37 CF	N 3.20 and 3.31 is included					
	ED 4 76						
14. An Application Data Sheet under 37 CF	-R 1.76.						
15. A substitute specification.	ddra ra lattaa						
16. A power of attorney and/or change of a		4 27 CED 1 921 1 925					
	ence listing in accordance with PCT Rule 13ter.2 and	u 3/ UFK 1.021-1.023.					
	tional Application under 35 U.S.C. 154(d)(4).						
	translation of the international application under 35						
20. 🔼 Other items or information: Notification	of Missing Requirements (copy); surcharge fee ch	TECK TOF \$65.UU					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

	NO. (If known, see 37	(CFR 1.5)	INTERNATIO	VAL APPLICATION NO	,			OCKET NUMBER
10/593,655			PCT/US05/09726 BU-120XX					
The following	fees have been s	submitted:				CAL	CULATIONS	PTO USE ONLY
21. D Basic	national fee		• • • • • • • • • • • • • • • • • • • •		\$300.00	\$		
	ination fee							
If International pre	eliminary examina			SPTO and all claims				
provisions of PCT Article 33(1)-(4) \$100.00 All other situations \$200.00					\$			
23.								
		as been paid	on the interna	ational application to	the USPTO			
					\$100.00 \$400.00			
International Search Report prepared and provided to the Office					\$			
TOTAL OF 21, 22 and 23 =				\$				
(excluding se	equence listing or	computer pro	ogram listing f	er over 100 sheets filed in an electronic ts of paper or fractic	on thereof			
Total Sheets	Extra Sheets			nal 50 or fraction	RATE	_		
i otai oneets				vhole number)				
- 100 =	/50 =				X \$250.00	\$		
			declaration la	ter than 30 months	from the earliest	\$ 1	30.00	
claimed priority d		(n)). MBER FILED	N	IUMBER EXTRA	RATE	 		
Total claims	1,131	20 - 20 =		0	X \$ 50.00	\$	0	
Independent clair	ns	1 - 3 =		0	X \$200.00	\$	0	
MULTIPLE DEPE			I		+ \$360.00	\$	0	
-				AL OF ABOVE CA	LCULATIONS =	\$ 1	30.00	
X Applicant	claime emall enti	ity status Se				+	65.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL =					\$	65.00		
Processing fee of the earliest claim		_		on later than 30 mor		\$		
+			·····				00.00	
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ree for recording accompanied by	the enclosed ass an appropriate or	signment (37 over sheet (3)	OFK 1.21(N)) 7 CFR 3.28, 3	. The assignment no.31). \$40.00 per pre	operty +	\$	40.00 	
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a. A check A check A check A check b. Please A duplic c. The Co	charge my Depose the copy of this sommissioner is he to Account No. 23	f \$ 40.00 is one of the state o	enclosed for tooesed. ed to charge uplicate copy of	he assignment reco in the amount any additional fees of this sheet is enclo	rdation fee. t of \$to which may be required.	n, is en	closed. r the above fees	payment to Deposit
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a. A check A check b. Please A duplic c. The Co Deposit d. Fees ar not be NOTE: Where a and granted to	charge my Depose the copy of this sommissioner is he charged to be charged to included on this in appropriate time.	sit Account No sheet is enclo ereby authorized. A du so a credit car s form. Provi	enclosed for tooesed. ed to charge uplicate copy of the credit card to card to card to card to provide the card to card to provide the card to card t	in the amount any additional fees of this sheet is enclosed. Information on the information and automation automation and automation automatical automati	rdation fee. t of \$ to which may be required. is form may become thorization on PTO net, a petition to re	n, is en o cover ired, or e publi -2038.	closed. r the above fees r credit any over	payment to Deposit information should
a. A check A check b. Please A duplic c. The Co Deposit d. Fees ar not be NOTE: Where a and granted to	charge my Depose the copy of this sommissioner is he charged to be charged to included on this restore the International contractions.	sit Account No sheet is enclo ereby authorized 3-0804. A du so a credit car s form. Provi	enclosed for tooesed. ed to charge uplicate copy of the credit card to card to card to card to provide the card to card to provide the card to card t	in the amount any additional fees of this sheet is enclosed. Information on the information and authors has not been needing status. WEINGARTEN, SO Ten Post Office Square in the interpost of t	which may be required as form may become thorization on PTO with the Law Firm of CHURGIN, GAGNER ware	n, is en o cover ired, or e publication (evive (r the above fees credit any over	payment to Deposit information should
a. A check A check b. Please A duplic c. The Co Deposit d. Fees ar not be NOTE: Where a and granted to	charge my Depose the copy of this sommissioner is he charged to be charged to included on this in appropriate timestore the internal ALL CORRESPO	sit Account No sheet is enclo ereby authorized 3-0804. A du so a credit car s form. Provi	enclosed for tooesed. ed to charge uplicate copy of the credit card to card to card to card to provide the card to card to provide the card to card t	in the amount any additional fees of this sheet is enclosed. Information on the information and authorized status. WEINGARTEN, SO Ten Post Office Squared United States	which may be required as form may become thorization on PTO with the Law Firm of CHURGIN, GAGNER ware	n, is en o cover ired, or e publi -2038. evive (r the above fees r credit any overplic. Credit card 37 CFR 1.137(a	payment to Deposit information should
a. A check A check b. Please A duplic c. The Co Deposit d. Fees ar not be NOTE: Where a and granted to [X]	charge my Depose the copy of this sommissioner is he charged to be charged to included on this in appropriate timestore the internal ALL CORRESPO	it Account No sheet is enclosereby authorized 3-0804. A during a credit care form. Proving the limit under the control of the	enclosed for tooesed. ed to charge uplicate copy of the credit card to card to card to card to provide the card to card to provide the card to card t	in the amount any additional fees of this sheet is enclosed. Information on the information and authorized status. WEINGARTEN, SO Ten Post Office Squared United States	which may be required as form may become thorization on PTO with the Law Firm of the CHURGIN, GAGNER ware setts 02109	n, is en o cover ired, or e publi -2038. evive (r the above fees r credit any overplic. Credit card 37 CFR 1.137(a	payment to Deposit information should

PTO-1390 (Rev.02-2005)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER	ATTORNEY'S DOCKET NUMBER							
DESIGNATED/ELECTE	BU-120XX							
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)						
	,	10/593,655						
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED						
PCT/US05/09726	March 23, 2005	March 23, 2004						
TITLE OF INVENTION								
· · · · · · · · · · · · · · · · · · ·	Characterization of Micro- and Nano Scale Materials by Acoustic Wave Generation with a CW Modulated Laser							
APPLICANT(S) FOR DO/EO/US								
Todd W. Murray								
Applicant herewith submits to the United States D	esignated/Elected Office (DO/EO/US) the following	items and other information:						
	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
	submission of items concerning a submission under							
3. Light This express request to begin national (5), (6), (9) and (21) indicated below.								
4. The US has been elected (Article 31).	4.							
5. A copy of the International Application a	, , , , , , , , , , , , , , , , , , , ,							
	only if not communicated by the International Bureau	u).						
b.		(DO (1) C)						
	ation was filed in the United States Receiving Office							
	International Application as filed (35 U.S.C. 371(c)(2	2)).						
a. Lis attached hereto.								
b. Land been previously submitte		274/51/211						
	national Application under PCT Article 19 (35 U.S.C.							
	ed only if not communicated by the International Bu	reau).						
b. have been communicated by		NOT coming t						
	er, the time limit for making such amendments has N	NO i expired.						
d.		III S C 371(a)(2))						
	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9. An oath or declaration of the inventor(s								
10. An English language translation of the a								
Items 11 to 20 below concern document(s	s) or information included:							
11. An Information Disclosure Statement u	nder 37 CFR 1.97 and 1.98 and Form 1449							
12. An assignment document for recording	. A separate cover sheet in compliance with 37 CFI	R 3.28 and 3.31 is included						
13. A preliminary amendment.	A preliminary amendment.							
	An Application Data Sheet under 37 CFR 1.76.							
15. A substitute specification.								
16. A power of attorney and/or change of a								
	ence listing in accordance with PCT Rule 13ter.2 and	d 37 CFR 1.821-1.825.						
· ·	tional Application under 35 U.S.C. 154(d)(4).							
	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
20. X Other items or information: Notification	of Missing Requirements (copy); surcharge fee ch	neck for \$65.00						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION	S. APPLICATION NO. (If known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO					ATTORNEY'S DOCKET NUMBER		
10/593,655					BU-120XX			
The following	The following fees have been submitted:					CALCULATIONS	PTO USE ONLY	
21. Basic national fee \$300.00					\$			
22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100.00 All other situations \$200.00						\$		
23. Search fee								
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$500.00						\$		
T(OTAL OF 21,	22 and 23 =			····	\$		
(excluding s	equence listin	g or computer pr	ogram listin	per over 100 sheets g filed in an electronic eets of paper or fractic				
Total Sheets	Extra Sheet			tional 50 or fraction	RATE			
- 100 =	/ 50		ouna up to a	a whole number)	X \$250.00	\$		
Surcharge of \$1	30.00 for furni	shing the oath or	declaration	later than 30 months		\$ 130.00		
claimed priority of CLAIM		1.492(h)). NUMBER FILE) 1	NUMBER EXTRA	RATE			
Total claims		20 - 20		0	X \$ 50.00	\$ 0		
Independent cla		1 - 3		0	X \$200.00	\$ 0		
•					+ \$360.00	\$ 0		
•	MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$ 0 TOTAL OF ABOVE CALCULATIONS = \$ 130.00							
X Applicar	nt claims small	\$ 65.00						
					SUBTOTAL =	\$ 65.00		
the earliest clain		furnishing the Er te (37 CFR 1.492	•	ation later than 30 mor	nths from	\$		
TOTAL NATIONAL FEE =						\$ 65.00		
Fee for recordin	g the enclose	d assignment (37	CFR 1.21(h)). The assignment m , 3.31). \$40.00 per pro	nust be	\$ 40.00		
accompanied by	an appropria	te cover sheet (5	7 01 10 3.20		S ENCLOSED =	\$ 105.00		
						Amount to be	\$	
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b. Please A dupl	ck in the amouse charge my Dalicate copy of sommissioner	eposit Account Nathis sheet is enclosed in the sheet in the shee	enclosed for the control of the cont	bove fees, except assion the assignment recommendation in the amount ge any additional fees by of this sheet is enclose.	rdation fee. of \$to which may be requi	cover the above fees		
	-			NG: Information on the ard information and au			information should	
and granted to	restore the l	nternational App	olication to	pending status.) or (b)) must be filed	
SEND	ALL CORRE	SPONDENCE TO	J:	which is associated				
(X) Customer Number 00207 WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP Ten Post Office Square Boston, Massachusetts 02109 United States Telephone: (617) 542-2290 Fax: (617) 451-0313								
Attorney Signa	Attorney Signature: Mullynth Date: 5-29-7							
Attorney Name	Attorney Name: Charles L. Gagnebin III Registration No: 25,467							

PTO-1390 (Rev.02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL LETTER	ATTORNEY'S DOCKET NUMBER						
DESIGNATED/ELECTE	BU-120XX						
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)					
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	10/593,655 PRIORITY DATE CLAIMED					
PCT/US05/09726	March 23, 2005	March 23, 2004					
TITLE OF INVENTION	141017 20, 2000	141011 20, 2004					
Characterization of Micro- and Nano So	Characterization of Micro- and Nano Scale Materials by Acoustic Wave Generation with a CW Modulated Laser						
APPLICANT(S) FOR DO/EO/US							
Todd W. Murray							
Applicant herewith submits to the United States D	Designated/Elected Office (DO/EO/US) the following	items and other information:					
1. This is a FIRST submission of items co	. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT s	submission of items concerning a submission under	35 U.S.C. 371.					
3. This express request to begin national (5), (6), (9) and (21) indicated below.							
4.							
5. A copy of the International Application	as filed (35 U.S.C. 371(c)(2))						
a. is attached hereto (required o	only if not communicated by the International Bureau	J).					
b. has been communicated by t	he International Bureau.						
	ation was filed in the United States Receiving Office						
	International Application as filed (35 U.S.C. 371(c)(2	'.')).					
a. Lis attached hereto.							
	ed under 35 U.S.C. 154(d)(4).						
	national Application under PCT Article 19 (35 U.S.C.						
· ·	red only if not communicated by the International Bu	reau).					
b. L. have been communicated by		NOT					
c. La have not been made; however, the time limit for making such amendments has NOT expired.							
d. In have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 LLS C. 371(c)(3))							
An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (signed).							
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	annexes to the International Preliminary Examination	n Report under PC1					
Items 11 to 20 below concern document(s	s) or information included:						
	nder 37 CFR 1.97 and 1.98 and Form 1449						
	. A separate cover sheet in compliance with 37 CFF	R 3.28 and 3.31 is included					
13. A preliminary amendment.							
14. An Application Data Sheet under 37 CF	FR 1.76.						
15. A substitute specification.							
16. A power of attorney and/or change of a							
·	ence listing in accordance with PCT Rule 13 <i>ter</i> .2 and	3 37 CFR 1.821-1.825.					
	ational Application under 35 U.S.C. 154(d)(4).						
i i i i i i i i i i i i i i i i i i i	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
20. (X) Other items or information: Notification	n of Missing Requirements (copy); surcharge fee ch	eck for \$65.00					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO					ATTORNEY'S DO	ATTORNEY'S DOCKET NUMBER	
10/593,655				BU-120XX			
The following fees have been submitted:					CALCULATIONS	PTO USE ONLY	
21.					\$		
22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100.00 All other situations \$200.00						\$	
23.							
TOTAL OF 21, 22 and 23 =						\$	
(excluding se	quence listing o	or computer pr	ogram lis	paper over 100 sheets ting filed in an electronic sheets of paper or fractio	n thereof.		
Total Sheets	Extra Sheets			Iditional 50 or fraction o a whole number)	RATE		
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Surcharge of \$13	0.00 for furnish		declarati	on later than 30 months f		\$ 130.00	
claimed priority da		l92(h)). UMBER FILEI)	NUMBER EXTRA	RATE	_	
Total claims	·	20 - 20		0	X \$ 50.00	\$ 0	
Independent clain	ns	1 - 3		0	X \$200.00	\$ 0	
MULTIPLE DEPE					+ \$360.00	\$ 0	
-				TOTAL OF ABOVE CAL	_CULATIONS =	\$ 130.00	
X Applicant	claims small er	ntity status. Se	e 37 CFF	R 1.27. Fees above are r	educed by 1/2.	\$ 65.00	
			_ 		SUBTOTAL =	\$ 65.00	
_	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(I)).						
				TOTAL NA	TIONAL FEE =	\$ 65.00	
Fee for recording accompanied by	the enclosed a	ssignment (37 cover sheet (3	CFR 1.2 7 CFR 3.	1(h)). The assignment m 28, 3.31). \$40.00 per pro	oust be perty +	\$ 40.00	
					SENCLOSED =	\$ 105.00	
						Amount to be Refunded:	\$
	Amount to be \$ Charged:					\$	
 a. A check in the amount of \$65.00 to cover the above fees, except assignment recordation, is enclosed. A check in the amount of \$40.00 is enclosed for the assignment recordation fee. b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. 							
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Deposit Account No. 23-0804. A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND	ALL CORRESP	ONDENCE TO):	which is associated	with the Law Firm o	f:	
[x] (
Attorney Signature: Mushlynth Date: 5-29-7							
Attorney Name:	Attorney Name: Charles L. Gagnebin III Registration No: 25,467						



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERC United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450

Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

.10/593,655

Todd W. Murray

BU-120XX

INTERNATIONAL APPLICATION NO.

PCT/US05/09726

I.A. FILING DATE

PRIORITY DATE

03/23/2005

03/23/2004

CONFIRMATION NO. 2977 371 FORMALITIES LETTER

OC00000023527748

207 WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP TEN POST OFFICE SQUARE BOSTON, MA 02109

Date Mailed: 04/25/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/21/2006
- Copy of the International Search Report filed on 09/21/2006
- Preliminary Amendments filed on 09/21/2006
- Information Disclosure Statements filed on 09/21/2006
- Oath or Declaration filed on 09/21/2006
- Request for Immediate Examination filed on 09/21/2006
- U.S. Basic National Fees filed on 09/21/2006
- Priority Documents filed on 09/21/2006
- Specification filed on 09/21/2006
- Claims filed on 09/21/2006
- Abstracts filed on 09/21/2006

Drawings filed on 09/21/2006

APR 27/2007

WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

• \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

VONDA M WALLACE

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/593,655	PCT/US05/09726	BU-120XX

FORM PCT/DO/EO/905 (371 Formalities Notice)